IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A destination guidance system ~~utilizing a structure on premises of a building,~~ comprising:

a structure information memory which stores structure information corresponding to multi-dimensional information pertaining to a structure ~~on the premises of the building~~, the structure information including a plurality of guide points on the ~~premises of the building~~ multi-dimensional structure, and route data indicating moving routes that connect the plurality of guide points;

a guidance information memory ~~which stores~~ configured to store first guidance information including at least one of landmark data and landscape data concerning a plurality of approach and exit directions to and from ~~each of~~ the guide points;

an input unit configured to accept ~~make~~ a user input defining a desired place of departure and destination;

a recommended route generation unit configured to generate a recommended route, which is recommended upon movement from the place of departure to the destination, by selecting and connecting at least one of the route data stored in said structure information memory;

a presentation information generation unit configured to extract second guidance information concerning ~~the plurality of the~~ approach and exit directions to and from at least one guide point, which is present on the recommended route, from the first guidance information in said guidance information memory, and to generate presentation information that contains the second guidance information; and

a presentation unit configured to present the presentation information.

2. (Original) A system according to claim 1, wherein said presentation information generation unit generates the presentation information to present third guidance information associated with movement across different floors, which are present on the recommended route, and fourth guidance information associated with movement on a single floor in different formats.

3. (Original) A system according to claim 1, wherein the presentation information includes information that pertains to the recommended route, and information that pertains to a moving direction and a current position.

4. (Currently Amended) A system according to claim 3 and utilizing current position data from a position providing device provided on the structure ~~premises of the building,~~ wherein said presentation unit switches the present information to the guidance information or the information that pertains to the recommended route at a predetermined guide point of the presentation information in response to the current position data, or a switching input from a user.

5. (Original) A system according to claim 1, wherein said recommended route generation unit generates the recommended route on the basis of a time condition or a guide point where the user wants to pass.

Claims 6-9 (Canceled).

10. (Currently Amended) A server apparatus which generates information pertaining to guidance on ~~the premises of a building~~ a multi-dimensional structure and sends the information to a user terminal ~~and utilizes a structure on the premises of a building~~, comprising:

a communication device configured to communicate with the user terminal;

a structure information memory which stores structure information corresponding to information pertaining to the multi-dimensional structure ~~on the premises of the building~~, the structure information including a plurality of guide points on the ~~premises of the building~~ multi-dimensional structure and route data indicating moving routes that connect the plurality of guide points;

a guidance information memory which stores first guidance information, which includes at least one of landmark data and landscape data concerning a plurality of approach and exit directions to and from ~~each of~~ the guide points;

a recommended route generation unit configured to generate a recommended route, which is recommended upon movement from a place of departure to a destination input from the user terminal, by selecting and connecting at least one of the route data stored in said structure information memory; and

a presentation information generation unit configured to extract second guidance information concerning the plurality of the approach and exit directions to and from at least one of the guide point, which is present on the recommended route, from the first guidance information in said guidance information memory, and to generate presentation information which contains the second guidance information and is sent to the user terminal via said communication device.

11. (Original) An apparatus according to claim 10, wherein the presentation information includes information that pertains to the recommended route, and information that pertains to a moving direction and a current position.

12. (Original) An apparatus according to claim 10, wherein said recommended route generation unit comprises:

a route search unit configured to search for a plurality of moving routes upon movement from the place of departure to the destination;

a cost calculator which calculates costs for the respective moving routes by scoring the number of turning points and the number of guide points included in each of the plurality of moving routes and obtain a cost calculator result; and

a selection unit configured to select the recommended route from the plurality of moving routes on the basis of the cost calculation result.

13. (Original) An apparatus according to claim 10, wherein said presentation information generation unit extracts, from said guidance information memory, third guidance information associated with only a guide point designated in advance, of the guide points present on the recommended route.

14. (Currently Amended) An apparatus according to claim 10 and utilizing a position information transmission device provided on the ~~premises of the building~~ multi-dimensional structure, wherein said communication device receives, from the user terminal, position information that the user terminal has received from the position information transmission device provided on ~~premises of the building~~ multi-dimensional structure,

said apparatus further comprises a checking unit configured to check based on the position information received by said communication device whether the user is moving along the recommended route or not, and

said presentation unit presents presentation information which includes third guidance information pertaining to the next guide point when said checking unit determines that the user is moving along the recommended route, and presents presentation information which includes fourth guidance information pertaining to a nearby guide point on the recommended route when said checking unit determines that the user is not moving along the recommended route.

15. (Currently Amended) A user terminal communicating with a server apparatus which generates information pertaining to guidance on a ~~premises of a building~~ multi-dimensional structure, comprising:

an input unit configured to input a desired place of departure and destination on the ~~premises of the building~~ multi-dimensional structure;

a communication device configured to send the place of departure and destination to the server apparatus, and to receive the information pertaining to guidance on the ~~premises of the building~~ multi-dimensional structure from the server apparatus; and

a presentation unit configured to present the information pertaining to guidance on the premises of the building.

16. (Currently Amended) A terminal according to claim 15 and communicating with at least one of a plurality of position information transmission devices provided on the ~~premises of the building~~ multi-dimensional structure, wherein said communication device receives position information from at least one of the plurality of position information transmission devices,

said terminal further includes a checking unit configured to check based on the received position information whether a user is moving along a recommended route or not, and

said presentation unit presents presentation information which includes guidance information pertaining to the next guide point when said checking unit determines that the user is moving along the recommended route, and presents presentation information which includes guidance information pertaining to a nearby guide point on the recommended route when said checking unit determines that the user is not moving along the recommended route.

17. (Original) A terminal according to claim 16, further comprising a communication controller which controls said communication unit to receive the position information from only the predetermined position information transmission device.

18. (Currently Amended) A destination guidance method comprising:

storing structure information corresponding to information pertaining to a multi-dimensional structure ~~on the premises of a building,~~ the structure information including a plurality of guide points on the premises of the building, and route data indicating moving routes that connect the plurality of guide points in a guidance information memory;

storing first guidance information, which includes at least one of landmark data and landscape data concerning a plurality of approach and exit directions to and from ~~each of~~ the guide points;

~~making~~ accepting a user input defining a desired place of departure and destination;

generating a recommended route, which is recommended upon movement from the place of departure to the destination, by selecting and connecting at least one of the stored route data;

extracting second guidance information concerning the plurality of the approach and exit directions to and from at least one of the guide point, which is present on the recommended route, from the guidance information in the guidance information memory;

generating presentation information that contains the guidance information; and

presenting the presentation information.

19. (Original) A method according to claim 18, wherein the presentation information contains information that pertains to the recommended route, and information that pertains to a moving direction and a current position.

20. (Currently Amended) A computer readable memory storing a guidance program, the guidance program comprising:

first store means for causing a computer to store structure information corresponding to information pertaining to a multi-dimensional structure ~~on the premises of a building~~, the structure information including a plurality of guide points on the premises of the building and route data indicating moving routes that connect the plurality of guide points;

second store means for causing a computer to store guidance information, which includes landmark data and landscape data for a plurality of approach and exit directions to and from ~~each of~~ the guide points in a guidance information memory;

first generation means for causing a computer to generate a recommended route, which is recommended upon movement from a place of departure to a destination which are input from a user terminal, by selecting and connecting at least one of the stored route data;

second means for causing a computer to extract guidance information concerning the plurality of the approach and exit directions to and from at least one of the guide points, which is present on the recommended route, from said guidance information memory, and for generating presentation information that contains the guidance information; and

means for causing a computer to send the presentation information to the user terminal via a communication device.

21. (Original) A medium according to claim 20, wherein the presentation information contains information that pertains to the recommended route, and information that pertains to a moving direction and a current position.

22. (Currently Amended) A destination guidance data acquisition system comprising:

a presentation unit configured to present a structural drawing on a multi-dimensional structure ~~the premises of a building~~;

a structure information generation unit configured to generate structure information by designating a plurality of guide points on the ~~premises of the building~~ multi-dimensional

structure and route data indicating moving routes that connect the plurality of guide points on the structural drawing on the ~~premises of the building~~ multi-dimensional structure;

a structure information memory which stores the structure information;

a guidance information generation unit configured to generate guidance information by inputting landmark data or landscape data, which serve as landmarks in a plurality of line-of-sight directions upon approaching or existing from each of the plurality of guide points of the structure information; and

a guidance information memory which stores the guide information for each of the guide points.

23. (Original) A system according to claim 22, further comprising a compiler which compiles the structure information or the guidance information.

24. (Currently Amended) A destination guidance data acquisition terminal which acquires information pertaining to guidance on ~~the premises of the building~~ a multi-dimensional structure, and sends the acquired information to a server, comprising:

a presentation unit configured to present a structural drawing of the ~~premises of the building~~ multi-dimensional structure;

a structure information generation unit configured to generate structure information by designating a plurality of guide points on the premises of the ~~building~~ multi-dimensional structure and route data indicating moving routes that connect the plurality of guide points on the presented structural drawing of the ~~premises of the building~~ multi-dimensional structure;

a guidance information generation unit configured to generate guidance information by inputting landmark data or landscape data, which serve as landmarks in a plurality of line-of-sight directions upon approaching or existing from each of the plurality of guide points of the structure information; and

a communication device configured to send the structure information and the guidance information for each guide point to the server.

25. (Orignal) A terminal according to claim 24, further comprising a compiler which compiles the structure information or the guidance information.

26. (Currently Amended) A terminal according to claim 24, further comprising a position information reception unit configured to receive position information from a position information providing device provided on the ~~premises of the building~~ multi-dimensional structure, and

wherein said guidance information generation unit selects a guide point for which guidance information is to be generated, on the basis of the position information received by said position information reception section, and generates guidance information for the selected guide point.

27. (Currently Amended) A destination guidance data acquisition server which acquires data pertaining to guidance on ~~the premises of a building~~ a multi-dimensional structure in accordance with an input from a destination guidance data acquisition terminal, comprising:

a communication device configured to communicate with the destination guidance data acquisition terminal;

a structure information memory which stores structure information corresponding to information received by said communication device, the structure information being generated by designating a plurality of guide points, and route data indicating moving routes that connect the plurality of guide points on a structural drawing of the ~~premises of the building~~ multi-dimensional structure; and

a guidance information memory which stores, for each guide point, guidance information corresponding to information received by said communication device, the guidance information being generated by inputting landmark data or landscape data which serve as landmarks in a plurality of line-of-sight directions upon approaching or existing from each of the plurality of guide points of the structure information.

28. (Currently Amended) A server according to claim 27, further comprising:

an input unit configured to input the structural drawing of the ~~premises of the building~~ multi-dimensional structure; and

a structure information generation unit configured to generate structure information by setting a plurality of guide points, and route data indicating moving routes that connect the plurality of guide points on the input structural drawing.

29. (Original) A server according to claim 27, further comprising a guidance information assist unit configured to generate the guidance information corresponding to movement of a viewpoint along the route data by interpolating the input landmark data or landscape data.

30. (Currently Amended) A destination guidance data acquisition method comprising:

generating structure information by designating a plurality of guide points on ~~the premises of the building~~ a multi-dimensional structure and route data indicating moving routes that connect the plurality of guide points on a structural drawing of the ~~premises of the building~~ multi-dimensional structure;

storing the structure information;

generating guidance information by inputting landmark data or landscape data, which serve as landmarks in a plurality of line-of-sight directions upon approaching or existing from each of the plurality of guide points of the structure information;

storing the guide information for each guide point; and

presenting at least one of the structural drawing of the ~~premises of the building~~ multi-dimensional structure, the structure information, and the guidance information.

31. (Original) A method according to claim 30, further comprising compiling g the structure information or the guidance information.

32. (Currently Amended) A computer readable memory comprising:

means for causing a computer to communicate with a destination guidance data acquisition terminal;

first storage means for causing a computer to store structure information, which is information received via the communication, and is generated by designating a plurality of guide points, and route data indicating moving routes that connect the plurality of guide points on a structural drawing on ~~the premises of the building~~ a multi-dimensional structure; and

second storage means for causing a computer to store, for each guide point, guidance information which is information received via the communication, and is generated by inputting landmark data or landscape data which serve as landmarks in a plurality of line-of-sight directions upon approaching or existing from each of the plurality of guide points of the structure information.

33. (Currently Amended) A computer readable memory storing a guidance program, the guidance program comprising:

means for causing a computer to present a structural drawing of ~~premises of a building~~ a multi-dimensional structure;

first generation means for causing a computer to generate structure information by designating a plurality of guide points on the ~~premises of the building~~ multi-dimensional structure and route data indicating moving routes that connect the plurality of guide points on the presented structural drawing of the ~~premises of the building~~ multi-dimensional structure;

second generation means for causing a computer to generate guidance information by inputting landmark data or landscape data, which serve as landmarks in a plurality of line-of-sight directions upon approaching or existing from each of the plurality of guide points of the structure information; and

means for causing a computer to send the structure information and the guidance information for each guide point to the server.

34. (Currently Amended) A memory according to claim 33, further comprising:

means for causing a computer to receive position information from a position information providing device provided on the ~~premises of the building~~ multi-dimensional structure; and

means for causing a computer to select a guide point for which guidance information is to be generated, on the basis of the received position information, and generate guidance information for the selected guide point.

35. (Original) A memory according to claim 33, the guidance program further comprising: means for causing a computer to compile the structure information or the guidance information.

36. (New) A system according to claim 1, wherein said structure information memory which stores structure information corresponding to two-dimensional information pertaining to a structure.

37. (New) A system according to claim 1, wherein said structure information memory stores structure information corresponding to three-dimensional information pertaining to a three-dimensional structure.

38. (New) An apparatus according to claim 10, wherein said structure information memory stores structure information corresponding to two-dimensional information pertaining to a two-dimensional structure.

39. (New) An apparatus according to claim 10, wherein said structure information memory stores structure information corresponding to three-dimensional information pertaining to a three-dimensional structure.

40. (New) An apparatus according to claim 15, wherein said input unit is configured to input a desired place of departure and destination on a two-dimensional structure.

41. (New) An apparatus according to claim 15, wherein said input unit is configured to input a desired place of departure and destination on a three-dimensional structure.

42. (New) A method according to claim 18, wherein said step of storing structure information stores structure information corresponding to two-dimensional information pertaining to a two-dimensional structure.

43. (New) A method according to claim 18, wherein said step of storing structure information stores structure information corresponding to three-dimensional information pertaining to a three-dimensional structure.

44. (New) A computer readable memory according to claim 20, wherein said first store means stores structure information corresponding to two-dimensional information pertaining to a two-dimensional structure.

45. (New) A computer readable memory according to claim 20, wherein said first store means stores structure information corresponding to three-dimensional information pertaining to a three-dimensional structure.

46. (New) A system according to claim 22, wherein said presentation unit is configured to present a structural drawing of a two-dimensional structure, and the structure information generation unit is configured to generate structure information by designating a plurality of guide points and route data on the two-dimensional structure.

47. (New) A system according to claim 22, wherein said presentation unit is configured to present a structural drawing of a three-dimensional structure, and the structure information generation unit is configured to generate structure information by designating a plurality of guide points and route data on the three-dimensional structure.

49. (New) A terminal according to claim 24, wherein said presentation unit is configured to present a structural drawing of a two-dimensional structure, and the structure

information generation unit is configured to generate structure information by designating a plurality of guide points and route data on the two-dimensional structure.

50. (New) A terminal according to claim 24, wherein said presentation unit is configured to present a structural drawing of a three-dimensional structure, and the structure information generation unit is configured to generate structure information by designating a plurality of guide points and route data on the three-dimensional structure.

51. (New) A server according to claim 27, wherein said structure information memory is configured to store structure information designating a plurality of guide points and route data on a two-dimensional structure.

52. (New) A server according to claim 27, wherein said structure information memory is configured to store structure information designating a plurality of guide points and route data on a three-dimensional structure.

53. (New) A method according to claim 30, wherein said step of generating generates two dimensional structure information corresponding to two-dimensional information pertaining to a two-dimensional structure, and the storing step stores the two-dimensional structure information.

54. (New) A method according to claim 30, wherein said step of generating generates three dimensional structure information corresponding to three-dimensional information pertaining to a two-dimensional structure, and the storing step stores the three-dimensional structure information.

55. (New) A computer readable medium according to claim 32, wherein said first storage means causes the computer to store structure information on a two-dimensional structure.

56. (New) A computer readable medium according to claim 32, wherein said first storage means causes the computer to store structure information on a three-dimensional structure.

57. (New) A computer readable medium according to claim 33, wherein said means for causing causes the computer to present a structural drawing of a two-dimensional structure, and the first generation means causes the computer to generate two-dimensional structure information.

58. (New) A computer readable medium according to claim 33, wherein said means for causing the computer to present a structural drawing causes the computer to present a structural drawing of a two-dimensional structure, and the first generation means causes the computer to generate two-dimensional structure information.

59. (New) A computer readable medium according to claim 33, wherein said means for causing the computer to present a structural drawing causes the computer to present a structural drawing of a three-dimensional structure, and the first generation means causes the computer to generate three-dimensional structure information.